

Amendments to the Specification

Please replace the Brief Description of the Drawings on page 4, as follows:

The accompanying drawings illustrate the invention. In such drawings:

~~FIGURES 1 and 2 are orthogonal views of an embodiment of the present invention illustrating a mechanical bug with legs in different positions;~~

~~FIGURE 3 is a front elevation view of housing cabinet with cylindrical shims fixedly attached to the gear, the rotation of the gears, and the small cylindrical posts on the large gears;~~

~~FIGURE 4 is a side elevation view of FIG. 3;~~

~~FIGURE 5 is a view of FIG. 4 further including "T" bars;~~

~~FIGURE 6 is a top plan view of the embodiment shown in FIG. 5;~~

~~FIGURE 7, 8 and 9 illustrate the upper shuttle;~~

~~FIGURES 10, 11 and 12 illustrate the lower shuttle which is similar to the upper shuttle but otherwise inverted on its long axis;~~

~~FIGURES 13, 14 and 15 illustrate the shuttles at their respective 0°, 90° and 180° positions;~~

~~FIGURE 16 illustrates the orientation of the shuttles;~~

~~FIGURES 17 and 18 illustrate the ear-locks attached to the "T" bars by brackets;~~

~~FIGURES 19 and 20 illustrate one of six identical legs with a fixed pivot pin;~~

~~FIGURES 21 and 22 show front elevation and top plan views of the mechanical bug of FIG. 1;~~

~~FIGURE 23 illustrates a plan view of an ear-lock swivelling within a bracket, taken along line 23-23 of FIG. 21;~~

~~FIGURE 24 illustrates a leg in an ear-lock and the nature of it's swivel shows ear-lock upheld within a bracket taken along line 24-24 of FIG. 21; and~~

~~FIGURE 25 illustrates a cross-sectional top plan view of the device shown in FIG. 22.~~

~~FIGURES 7, 8 and 9 illustrate the upper and lower shuttles;~~

~~FIGURES 10 illustrates the orientation of the shuttles;~~

FIGURES 11 and 12 illustrate the oar-locks attached to the "T"-bars by brackets;

FIGURES 13 and 14 illustrate one of six identical legs with a fixed pivot pin;

FIGURES 15 and 16 show front elevation and top plan view of the mechanical bug of FIG. 1;

FIGURE 17 illustrates a plan view of an oar-lock swivelling within a bracket; taken along line 23-23 of FIG. 15;

FIGURE 18 illustrates a leg in an oar-lock and the nature of its swivel shows oar-lock upheld within a bracket taken along line 24-24 of FIG. 15; and

FIGURE 19 illustrates a cross-section top plan view of the device shown in FIG. 16.

Please replace Paragraph 3 of the Detailed Description of the Preferred Embodiment, on page 5, as follows:

With reference to FIGS. 4-25 1-19, the device 10 has five spur gears. One of these gears is a drive gear 12 with sixteen teeth 12. The other four gears 14 each have seventy-two teeth. The drive gear 12 is smaller than the larger gears 14. The four large gears 14 have their axis in a straight line. The large gears 14 includes a push gear 16 and three tile gears 18. As the drive gear 12 rotates clockwise, the next gear (i.e., the push gear 16) rotates counterclockwise, and the tile gear 18 next to the push gear 16 rotates clockwise, causing the adjacent tile gear 18 to rotate counterclockwise, which causes the last tile gear 18 to rotate clockwise, as shown in FIGS. 4 and 5. The push gear 14 drives the last three gears (tile gears) and the two wire shuttles (i.e., the upper shuttle 20 and the lower shuttle 22). Naturally, the direction the gears 12, 14 appear to rotate depends on the orientation of the viewer with respect to the device 10.

Please replace Paragraph 2 of the Detailed Description of the Preferred Embodiment, on page 7, as follows:

Thus far, a mechanical movement having six tiles 30 with inverted semicircles has been described. Each of these tiles 30 will be assigned an oar-lock bracket 38 and a leg 40. The oar-lock brackets 38 will be fixedly attached by screws to the "T" bars 32 (via threaded bores in the "T" bars 32) between the tiles 30 so as not to encumber the movement of the loops 36 of the shuttles 20, 22. Each leg 40 will swivel on a horizontal pivot 42 which will swivel on a vertical pivot 44 directly beneath. Each oar-lock 38 sits at the same distance from its respective tile 30 and is centered at the axis of that the gear 18 of that particular tile 30. A horizontal wire end 46 of the leg 40 is inserted through its respective wire loop 36 on the shuttle 20, 22 and into the confines of the semicircle almost touching the back wall of the cavity therein, as seen in FIG. 25 19. The vertical pivot 44 is inserted into the oar-lock 38 and secured so that it cannot lift out, but will swivel. A pin 48 inserted through a bore 50 in the leg 40 secures the leg to the horizontal pivot 42. This is repeated for the other five legs 40. A contact end 52 of the leg 40 contacts the surface the device is traveling on.

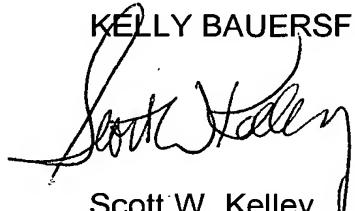
Amendments to the Drawings:

The attached sheets of drawings shows changes to Figs. 7-19 in red.

Applicant is renumbering Figures 13-25 as Figures 7-19. Replacement sheets including Figures 13-25 are submitted herewith.

Respectfully submitted,

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